

Converting Colors

$Y_{xy}(54.5379, 0.2952, 0.3020)$

Have a look what the booklet for
Yxy(54.5379, 0.2952, 0.3020)
contains.

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Color

Yxy(54.7479, 0.2953, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	C0C2D8
RGB	192, 194, 216
RGB Percent	75%, 76%, 85%
CMY	0.2473, 0.2391, 0.1530
CMYK	0.11, 0.10, 0.00, 0.15
HSL	235°, 24%, 80%
HSV	235°, 11%, 85%
XYZ	53.4095, 54.7479, 72.7078
YIQ	195.9100, -8.2540, 6.4180

Conversions

Conversions Part 2

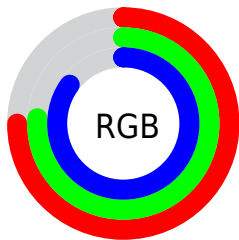
Format	Color
R _Y B	192, 194, 216
Decimal	12632792
CIE Lab	78.90, 3.57, -11.20
CIE LCh	79, 11.753, 287.669
Yxy	54.7479, 0.2953, 0.3027
Android (android.graphics.Color)	4290822872 (0xFFC0C2D8)
YUV	195.9100, 9.9044, -3.4291
Hunter-Lab	73.9918, -0.6391, -6.4668

Details

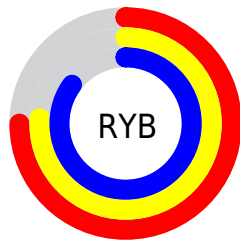
The Yxy color $54.7479, 0.2953, 0.3027$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $66.4359, 0.3295, 0.3540$, and the grayscale version is $55.0836, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.5477, 0.3086, 0.3242$, and $26.7326, 0.2905, 0.2953$ is the 20% darker color. If you saturate the color by 10%, you get $43.9331, 0.2777, 0.2758$, and if you desaturate by 10%, it is $67.1452, 0.3110, 0.3265$.

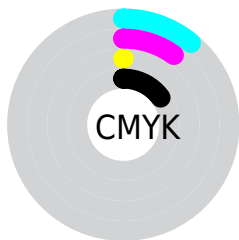
Distribution



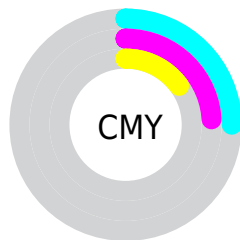
- Red (75%)
- Green (76%)
- Blue (85%)



- Red (75%)
- Yellow (76%)
- Blue (85%)



- Cyan (11%)
- Magenta (10%)
- Yellow (0%)
- Black (15%)



- Cyan (25%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7479, 0.2953, 0.3027 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 54.7479, 0.2953, 0.3027 by changing the saturation by 10% instead.

■ 54.7479, 0.2953,
0.3027

■ 54.7479, 0.2953,
0.3027

404.9556, 0.3038,
0.3154

■ 39.1999, 0.2932,
0.2997

□ 97.1715, 0.2983,
0.3072

■ 26.9153, 0.2907,
0.2959

124.8159, 0.2995,
0.3089

■ 17.5096, 0.2873,
0.2910

157.2612, 0.3005,
0.3104

■ 10.5985, 0.2827,
0.2843

194.8919, 0.3013,
0.3116

■ 5.7975, 0.2760,
0.2749

238.0922, 0.3021,
0.3128

■ 2.7224, 0.2658,
0.2606

287.2467, 0.3027,

■ 0.9886, 0.2478,

0.3137

0.2363

342.7397, 0.3033,
0.3146

0.0000, 0.0000,
0.0000

54.7479, 0.2953,
0.3027

54.7479, 0.2953,
0.3027

43.9331, 0.2777,
0.2758

67.1452, 0.3110,
0.3265

34.6305, 0.2586,
0.2460

81.1781, 0.3250,
0.3473

26.7746, 0.2382,
0.2140

96.5766, 0.3360,
0.3654

20.2926, 0.2175,
0.1807

97.7371, 0.3358,
0.3671

15.1052, 0.1976,
0.1480

■ 11.1250, 0.1799,
0.1180

■ 8.2537, 0.1658,
0.0930

■ 6.3774, 0.1562,
0.0749

■ 5.4174, 0.1514,
0.0650

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.7479, 0.2856, 0.3060



54.7479, 0.2953, 0.3027



54.7479, 0.3099, 0.3061

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.7479, 0.2953, 0.3027



54.7479, 0.3435, 0.3412



54.7479, 0.2997, 0.3434

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54.7479, 0.2953, 0.3027



66.4359, 0.3295, 0.3540

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.7479, 0.3150, 0.3534



54.7479, 0.2953, 0.3027



54.7479, 0.3405, 0.3517

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.7479, 0.2953, 0.3027



54.7479, 0.3379, 0.3279



54.7479, 0.3299, 0.3564



54.7479, 0.2880, 0.3294

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54.7479, 0.2953, 0.3027



54.7479, 0.3205, 0.3117



54.7479, 0.3299, 0.3564



54.7479, 0.3045, 0.3474

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54.7502, 0.2953, 0.3027



94.2032, 0.3082, 0.3222



65.1354, 0.2972, 0.3318



19.8396, 0.3070, 0.3204



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.7502, 0.2953, 0.3027



76.4364, 0.2920, 0.2976



55.1196, 0.3027, 0.3008



12.1810, 0.2981, 0.3070



3.2734, 0.1517, 0.0662



0.2591, 0.1567, 0.0839

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



56.1614, 0.3309, 0.3266



78.8450, 0.3346, 0.3262



66.0811, 0.3220, 0.3569



12.4382, 0.3278, 0.3270



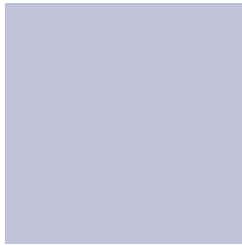
8.6753, 0.6296, 0.3242



0.5295, 0.6007, 0.3083

Previews

White Background



This preview shows how the Yxy color 54.7479, 0.2953, 0.3027 looks on a white background.

Color Contrast Check

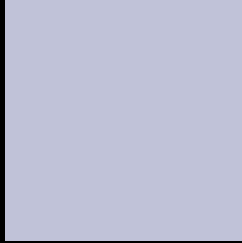
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 54.7479, 0.2953, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

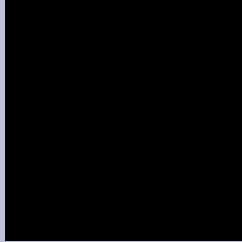
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.7479, 0.2953, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 54.7479, 0.2953, 0.3027.

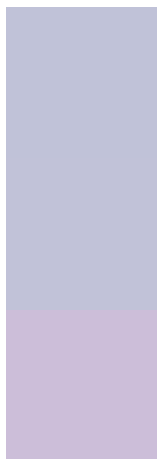


This preview shows how white text looks on a background with the Yxy color 54.7479, 0.2953, 0.3027.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

54.7479, 0.2953, 0.3027

Protanopia

54.8789, 0.2961, 0.3027

Deuteranopia

54.6740, 0.3039, 0.2975



Tritanopia

54.7597, 0.2988, 0.3108

Trichromacy



Original Color

54.7479, 0.2953, 0.3027

Protanomaly

54.8789, 0.2961, 0.3027

Deuteranomaly

54.5507, 0.3007, 0.2984

Tritanomaly

54.8600, 0.2974, 0.3085

Monochromacy



Original Color

54.7479, 0.2953, 0.3027

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.9441, 0.3069, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.7479, 0.2953, 0.3027 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(192, 194, 216)` looks like.

```
.text, #text, p{  
    color:rgb(192, 194, 216)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(192, 194, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 194, 216) }
```

Border

The CSS property to change the border of an element to Yxy 54.7479, 0.2953, 0.3027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(192, 194, 216) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(192, 194, 216) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(192, 194, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 194, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 194, 216);  
box-shadow:4px 4px 4px 4px rgb(192, 194,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 54.7479, 0.2953, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 194, 216) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(192,  
194, 216) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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